

CLAIMS OF THE INVENTION

1. A method for generating a consistency point comprising the steps of:

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marking a plurality of inodes pointing to a plurality of modified blocks in a file system as being in a consistency point;

flushing regular files to storage means;

flushing special files to said storage means;

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flushing at least one block of file system information to said storage means; and,

requeueing any dirty inodes that were not part of said consistency point.

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2. The method of claim 1 wherein said step of flushing said special files to said storage means further comprises the steps of:

pre-flushing an inode for a blockmap file to an inode file;

allocating space on said storage means for all dirty blocks in said inode

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and said blockmap files;

flushing said inode for said blockmap file again;

updating a plurality of entries in said blockmap file wherein each entry of said plurality of entries represents a block on said storage means; and,

writing all dirty blocks in said blockmap file and said inode file to said

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storage means.